

REMARKS**Examiner Interview**

A telephonic interview was conducted with Examiner B. Shrivastav and Kevin McEnaney. The independent claims were discussed. Prior art references U.S. Pat. No. 6,111,408, U.S. Pat. No. 5,043,664 and U.S. Pat. No. 6,147,490. Agreement was reached that the claims should be clarified to better identify the claimed invention.

Claim Amendments

The claims have been amended to better recite two aspects of the invention. First, the independent claims now recite use in a borehole environment. Second, the independent claims now more clearly recite use in the presence of a primarily inhomogeneous field. Applicant respectfully asserts these amendments overcome the references mentioned in the telephone interview.

CONCLUSION

For the foregoing reasons, Applicants submit that the application and claims stand in condition for allowance. Withdrawal of the rejections and allowance of the claims is respectfully requested.

Respectfully submitted,

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